



Making San Francisco Bay Better

September 15, 2010

Douglas Bosco, Chair
State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

SUBJECT: San Francisco Bay Ecosystems Climate Adaptation Assessment Project

Dear Chair Bosco:

I am writing to support a two year proposal from the Bay Area Ecosystems Climate Change Consortium (BAECCC) to provide critical climate change adaptation coordination, technical analysis, and climate adaptation and policy guidance to Bay Area partners seeking to address the effects of accelerating environmental change on Bay Area ecosystems.

Since its inception in 2009, BAECCC has evolved into a collaborative, multi-jurisdictional organization working to integrate resource managers, scientists and policy makers to jointly address the impacts of climate change to Bay Area ecosystems. BAECCC is currently working to secure natural ecological and economic benefits to society by reducing the negative impacts of climate change on the region's wildlife, habitats and ecosystem functions.

In the course of the two-year project, BAECCC partners will focus on a suite of key products that will expand our knowledge of potential climate change impacts to ocean, coastal and bay resources and enhance our ability to respond to those challenges. In particular, BAECCC will complete analyses that identify gaps in science, monitoring and management actions through a "Research Strategic Plan" for ecosystem adaptation; prioritize estuarine adaptation strategies and projects through a technical update to the Baylands Ecosystem Habitat Goals report; identify and disseminate effective best management practices for ecosystem adaptation; improve regional climate monitoring and informatics capacity; implement a suite of pilot adaptation projects; and develop a case studying documenting and disseminating lessons learned from the partnership's work linking climate change science to on-the-ground resource management.

This information will be critically important to our Commission as we strive to fully integrate the initiatives we are advancing to adapt to the impacts of sea level rise in the Bay with the broader regional efforts to reduce greenhouse gas emissions through land use planning that will establish where and how our region grows in the future.

I would appreciate your favorable consideration of this project and thank you for your continued support of efforts to protect, restore and enhance the estuarine, coastal and ocean resources of the San Francisco Bay region.

Sincerely,

WILL TRAVIS
Executive Director



Gary Knoblock
Program Officer

gary.knoblock@moore.org
650-213-3165

VIA ELECTRONIC MAIL

September 14, 2010

Douglas Bosco, Chair
State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

Re: San Francisco Bay Ecosystems Climate Adaptation Assessment Project

Dear Mr. Bosco:

I am writing today in support of the Bay Area Ecosystems Climate Change Consortium's (BAECCC's) two year proposal to provide critical climate change adaptation coordination, technical analysis, and climate adaptation and policy guidance to Bay Area partners seeking to address the effects of accelerating environmental change on Bay Area ecosystems.

We have been working closely with the staff of the Coastal Conservancy over the past 12 months to coordinate our collective efforts as funders to effectively catalyze this new Consortium. All of us have seen there is a significant gap in coordination around ecosystem adaptation to climate change and this lack of coordination is a barrier to securing funding to address the problem. The Moore Foundation and Coastal Conservancy staff have worked together to shape this effort with the vision of improving the opportunities for funders to make meaningful investments.

We anticipate taking to our trustees a proposal in early October for approximately \$350,000 which will support the staff required for the overall coordination of the new collaboration and will specifically work on developing a "research strategic plan." Although we cannot commit to future investments, it's our hope that the research strategic plan will provide a prioritized list for where additional investment from our foundation and other funders can make a meaningful impact.

Thank you for your consideration of this project and for your continued support of efforts to protect, restore and enhance the estuarine, coastal and ocean resources of the San Francisco Bay region.

Best regards,

A handwritten signature in blue ink that reads "Gary Knoblock". The signature is fluid and cursive, with the first name "Gary" and last name "Knoblock" clearly visible.

Gary Knoblock
Program Officer



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Coastal Services Center
2234 South Hobson Avenue
Charleston, South Carolina 29405-2413

September 14, 2010

Douglas Bosco, Chair
State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

Dear Mr. Bosco,

I am writing in support of the Bay Area Ecosystems Climate Change Consortium's (BAECCC) two year proposal for climate change adaptation coordination, technical analysis, and climate adaptation and policy guidance to Bay Area partners working to address the effects of accelerating change on natural ecosystems.

As part of the National Oceanic and Atmospheric Administration (NOAA), the Coastal Services Center (CSC) works with private and public sector partners to address coastal resource management issues, including climate change. BAECCC was formed among federal, state and non-governmental natural resource research, management and planning agencies in the greater San Francisco region to address the impacts of accelerating climate change on ecosystems. In line with CSC's mission to support environmental, social, and economic well being of coastal communities, BAECCC partners prioritize research, conserve natural resources and sustain natural benefits to human communities from the ocean to the estuary and upland habitats. By coordinating around climate change, BAECCC members leverage expertise, funds and resources to support our mutual goals.

The West Coast office of CSC is an active and supportive member of BAECCC. As such, the proposal to expand our knowledge of potential climate impacts to ocean, coastal, and bay resources will enhance the ability to respond to those challenges of all involved. In particular, we support the proposal to hire a coordinator who, under the guidance of the BAECCC steering committee, will organize the collaboration of scientists, public and private wild land managers, and regulators in the San Francisco Bay ocean-upland region. This position will help leverage member resources to accomplish BAECCC's goals through joint research, working groups, and workshops with stakeholders.

The San Francisco Bay Ecosystems Climate Adaptation Assessment Project will greatly assist us in our efforts to streamline our resources and minimize gaps in dealing with climate change in the Bay Area. It will also contribute to the Coastal Conservancy's technical update to the Baylands Ecosystem Habitat Goals report. Therefore, I support BAECCC's proposal for full-time coordination support and encourage the Coastal Conservancy to fund the project.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca A. Smyth", with a long horizontal line extending to the right.

Rebecca A. Smyth
Regional Coastal Services, Division Chief
National Oceanic and Atmospheric Administration, Coastal Services Center



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September 29, 2010

Mr. Douglas Bosco, Chair
California State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

Re: San Francisco Bay Ecosystems Climate Adaptation Assessment Project

Dear Mr. Bosco:

It is with pleasure that we write in support of the Bay Area Ecosystems Climate Change Consortium's (BAECCC's) two-year proposal to provide critical climate change adaptation coordination, technical analysis, and climate adaptation and policy guidance to Bay Area partners seeking to address the effects of accelerating environmental change on Bay Area ecosystems.

Since its inception in 2009, BAECCC has evolved into a collaborative, multi-jurisdictional organization working to integrate resource managers, scientists and policy makers to jointly address the impacts of climate change to Bay Area ecosystems. In the course of the two-year project, BAECCC partners will focus on a suite of key products that will expand our knowledge of potential climate change impacts to ocean, coastal and bay resources and enhance our ability to respond to those challenges.

The Bay Area Open Space Council is a coalition of over 60 member organizations involved in protecting and managing important lands throughout the San Francisco Bay Area. We have been participating in BAECCC and feel it serves a critical coordination role to help ensure that we are keeping each other informed and thinking strategically about the protection and restoration of upland, subtidal and bay ecosystems.

The Bay Area Open Space Council is working to further integrate climate change data into the Upland Habitat Goals project and the Bay Area Critical Linkages project. We will be hosting a Climate Change workshop that brings together decision makers, land managers and scientists to further address how we need to think differently about protection and management of the lands in the region. By participating in BAECC, we are able to ensure that efforts such as these are informed by the diverse membership and expertise within BAECCC and information made available to the larger community.

Thank you for your consideration of this project and for your continued support of efforts to protect, restore and enhance the estuarine, coastal and ocean resources of the San Francisco Bay region.

Sincerely,

A handwritten signature in dark ink, reading "Bettina K. Ring". The signature is fluid and cursive, with the first name being the most prominent.

Bettina K. Ring
Executive Director

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



September 29, 2010

Mr. Douglas Bosco, Chair
State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

Subject: San Francisco Bay Area Ecosystems Climate Adaptation Assessment Project

Dear Mr. Bosco:

We are pleased to write in support of the Bay Area Ecosystems Climate Change Consortium's (BAECCC's) two-year proposal to provide climate change adaptation coordination, technical analysis, and policy guidance to address the effects of accelerating change on the region's ecosystems.

Since its inception in 2009, BAECCC has evolved into a collaborative, multi-jurisdictional organization working to integrate the work of resource managers, scientists and policy makers so they can jointly address and reduce the impacts of climate change on the Bay Area's wildlife, habitats and ecosystem functions. In the course of the two-year project, BAECCC will focus on a suite of products that will expand our knowledge of potential climate change impacts to ocean, coastal and bay resources, and enhance our ability to respond to those challenges. In particular, BAECCC will complete analyses that identify gaps in science, monitoring and management actions through a "Research Strategic Plan" for ecosystem adaptation; prioritize estuarine adaptation strategies and projects through a technical update to the *Baylands Ecosystem Habitat Goals* report; identify and disseminate effective best management practices for ecosystem adaptation; improve regional climate monitoring and informatics capacity; implement pilot adaptation projects; and develop a case study documenting and disseminating lessons learned from the partnership's work linking climate change science to on-the-ground resource management.

Climate change is having a profound impact on California water resources, as evidenced by changes in snowpack, river flows and sea level. The Department of Water Resources (DWR) is addressing these impacts through mitigation and adaptation measures to ensure that Californians have sustainable water supplies, reliable flood management, and healthy ecosystems. To that end, DWR is contributing to numerous efforts within the Bay Area that integrate well with the work proposed by the BAECCC. These efforts include: 1) providing both financial and technical assistance for Integrated Regional Water Management planning and implementation activities that adapt water management to a changing climate; 2) using computer models to assess the potential impacts to water supply and flood control from sea level rise; and 3) participating in the Coastal and Ocean Climate Action Team (CO-CAT) Sea Level Rise Task Force. The BAECCC fills a valuable role in helping us link our efforts to other resource managers, scientists, and policy makers within the Bay Area.

Thank you for your consideration of this project and your continued support of efforts to protect, restore and enhance the estuarine, coastal and ocean resources of the San Francisco Bay Area. Please contact Erin Chappell in our North Central Region Office at (916) 376-9633 if you have any questions.

Sincerely,

ORIGINAL SIGNED BY

John T. Andrew
Assistant Deputy Director

cc: Erin Chappell



San Francisco Bay National Estuarine Research Reserve

3152 Paradise Drive, Tiburon, CA 94920-1205

Tel (415) 338-3707 Fax (415) 435-7120 Web: www.sfbaynerr.org

October 1, 2010

Douglas Bosco, Chair
State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

Re: San Francisco Bay Ecosystems Climate Adaptation Assessment Project

Dear Mr. Bosco:

I am writing to express enthusiastic support for the Bay Area Ecosystems Climate Change Consortium's (BAECCC's) two year proposal to provide critical climate change adaptation coordination, technical analysis, and climate adaptation and policy guidance to Bay Area partners. Such a project is sorely needed in the Bay Area, where our remaining natural resources are under threat from myriad projected climate change impacts to our region.

BAECCC has evolved into an effective collaborative, multi-jurisdictional organization that integrates resource managers, scientists and policy makers to address the impacts of climate change to Bay Area ecosystems. This project will focus on a suite of key products that will expand our knowledge of potential climate change impacts to ocean, coastal and bay resources and enhance our ability to respond to those challenges. In particular, BAECCC will complete analyses for a "Research Strategic Plan" for ecosystem adaptation; complete a technical update to the *Baylands Ecosystem Habitat Goals* report; identify and disseminate effective best management practices for ecosystem adaptation; improve regional climate monitoring and informatics capacity; implement pilot adaptation projects; and develop a case study on "lessons learned" on linking science to on-the-ground resource management.

The San Francisco Bay National Estuarine Research Reserve was established for long-term research, education and stewardship of San Francisco Bay. We can both contribute to and benefit from the activities described above. Through our Coastal Training programs, we can assist in the dissemination of new information to management communities. Our affiliation with San Francisco State University enables us to collaborate with researchers who are focused on the Bay and its watershed, and our Research and Monitoring program is connected to a network of 27 other estuaries around the nation that are facing similar concerns. We already work closely with many BAECCC partners, and look forward to deepening these connections through new opportunities such as those in BAECCC's current proposal.

Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in cursive script that reads "Jaime C. Kooser".

Jaime C. Kooser, Ph.D.
Reserve Manager



San Francisco Bay National Estuarine Research Reserve is a partnership among National Oceanic and Atmospheric Administration, San Francisco State University, California State Parks, Solano Land Trust and the Bay Conservation and Development Commission.





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MANAGEMENT BOARD:

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Board, SF Bay Region
San Francisco Estuary Project
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U.S. Environmental
Protection Agency
U.S. Fish & Wildlife Service
U.S. Geological Survey
Wildlife Conservation Board

October 6, 2010

Douglas Bosco, Chair
State Coastal Conservancy
1330 Broadway, Suite 1300
Oakland, CA 94612

Re: San Francisco Bay Ecosystems Climate Adaptation Assessment Project

Dear Mr. Bosco:

I am writing on behalf of the San Francisco Bay Joint Venture (SFBJV) to confirm that the SFBJV supports updating the *Baylands Ecosystem Habitat Goals* to incorporate the projected effects of climate change.

The SFBJV is a partnership of non-governmental organizations, utilities, landowners, non-voting agencies and others collaborating to acquire, restore and enhance 200,000 acres of wetlands and wildlife habitat within its geographic region, San Francisco Bay and the regional California coast. The SFBJV is one of 18 habitat joint ventures in the United States, operating under the certification of the North American Waterfowl Management Plan, a Congressional agreement between the United States, Canada, and Mexico. Our major focus has been to implement the recommendations of the *Baylands Ecosystem Habitat Goals*, confirmed in our Implementation Plan, *Restoring the Estuary* (2001).

While the SFBJV has taken no official position on how the *Baylands Ecosystem Habitat Goals* should be updated or who is the best entity to lead the task, we are in agreement that climate change impacts should continue to be analyzed and climate adaptation recommendations be developed to reduce projected negative impacts of climate change on the region's wildlife, habitats, and ecosystems. SFBJV is a partner in the Bay Area Ecosystems Climate Change Consortium (BAECCC). In fact, BAECCC emerged as a climate change coalition partly as a result of recommendations in a white paper developed by the SFBJV to address climate change. Many of the members of BAECCC are partners in the SFBJV.

We understand that the proposal to update the *Baylands Ecosystem Habitat Goals* will be a two-year proposal to provide critical climate change adaptation coordination, technical analysis, and climate adaptation and policy guidance to Bay Area partners seeking to address the effects of accelerating environmental change on Bay Area ecosystems. The SFBJV strongly supports the update to incorporate climate change impacts, and also wants to express guidance from discussions by our Management Board that this not be a long, protracted process. As a partnership of resource and project managers, permitting agencies, and environmental organizations, and the business community, we welcome the opportunity to be well-integrated into this process.

Thank you for your consideration of this project and for your continued support of efforts to protect, restore and enhance the estuarine, coastal and ocean resources of the San Francisco Bay region.

Sincerely,

Diane Ross-Leech
Chair